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Attorneys for Plaintiffs and the Proposed Class

UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF CALIFORNIA
OAKLAND DIVISION

ABANTE ROOTER AND PLUMBING,
INC., MARK HANKINS, and PHILIP J.
CHARVAT, individually and on behalf of all
others similarly situated,

Plaintiffs,

v.

ALARM.COM INCORPORATED, and
ALARM.COM HOLDINGS, INC.,

Defendants.

NO. 4:15-cv-06314-YGR

**DECLARATION OF RACHEL E.
HOOVER IN SUPPORT OF
PLAINTIFFS' MOTION FOR CLASS
CERTIFICATION**

JURY TRIAL DEMAND

Complaint Filed: December 30, 2015

Honorable Yvonne Gonzalez Rogers

DATE: April 25, 2017

TIME: 2:00 p.m.

LOCATION: Oakland Courthouse
Courtroom 1 - 4th Floor

I, Rachel E. Hoover, declare as follows:

1. I am a paralegal at Terrell Marshall Law Group PLLC (“TMLG”) and am over the age of eighteen. I make this declaration in support of Plaintiffs’ Motion for Class Certification. I make this declaration based on personal knowledge. If called to testify as to the contents of this declaration, I could and would competently do so.

2. On May 24, 2016, Plaintiffs received documents from third party Nationwide Alarms, LLC (“Nationwide”) in response to a subpoena in this matter. Included in this production of documents were six Excel spreadsheets consisting of call detail records, which were produced to Defendants by Plaintiffs in this matter and Bates labeled NATIONWIDE_000012-NATIONWIDE_000017 (“Call Detail Records”).

3. I have reviewed the Call Detail Records. Each of the Excel spreadsheets that make up the Call Detail Records contain the following number of rows and columns:

File Name	Number of Rows	Number of Columns
NATIONWIDE_000012	6,918	18
NATIONWIDE_000013	175,871	18
NATIONWIDE_000014	13,326	14
NATIONWIDE_000015	178,435	14
NATIONWIDE_000016	367	22
NATIONWIDE_000017	14,081	22

Each of the Excel spreadsheets contain some common fields (columns), including unique ID, telephone number dialed, and call date and time.

4. Using a data preparation, blending, and analytics program called Alteryx, I combined the Call Detail Records into one Alteryx database from which I could perform a number of analyses.

5. First, I examined the data and removed all rows for which the telephone number dialed field contained an invalid telephone number—one containing more or less than 10 digits. I performed this step by running a basic “filter” command in Alteryx, which filtered out and

1 excluded all rows containing a telephone number that was not 10 digits in length. This filter
2 resulted in a list of 205,178 rows ("Filtered Call Detail Records").

3 6. Next, I downloaded the current copy of the IMS wireless cell block identifier
4 database, which I understand is list of all telephone numbers assigned as cell phone numbers, and
5 the Neustar Ported Numbers databases, which I understand are two lists of (1) all landline phone
6 numbers that have been reassigned or "ported" to cell phone numbers and (2) all cell phone
7 numbers that have been reassigned or "ported" to landline numbers. The Neustar Ported
8 Numbers databases included a date field showing the date when each number was reassigned or
9 ported, if any. I understand these lists are regularly used to identify whether a phone number is a
10 cell phone number.

11 7. To determine which telephone numbers listed in the Filtered Call Detail Records
12 were cell phone numbers as of the date of the calls indicated in Nationwide's records, I first
13 compared all of the telephone numbers listed in them against the numbers listed in the IMS
14 database. This involved simply importing both the Filtered Call Detail Records and the IMS
15 wireless cell block identifier list into Alteryx, and then executing a basic "join" command telling
16 the program to compare the two lists to identify the matches.

17 8. Then, I compared the list of phone numbers in the Filtered Call Detail Records to
18 the lists of phone numbers in the Neustar Ported Numbers databases to see which ones had been
19 reassigned from landline to cell or from cell to landline at the time of the call. This involved the
20 same process described above. I imported the Neustar Ported Numbers databases into Alteryx,
21 along with the Filtered Call Detail Records and IMS database, and executed another basic "join"
22 command telling the program to compare the lists to identify the matches, and simultaneously
23 identify which of the numbers that were reassigned were nevertheless wireless numbers at the
24 time of the call.

25 9. I could have performed these comparisons manually (by simply looking at the two
26 lists), but that would take an exceptionally long period of time given the size of the lists.

1 10. My comparisons resulted in a list of 125,346 calls to cell phone numbers and
2 64,726 calls to non-cell, or landline, phone numbers.

3 11. I then determined the unique number of cell phone numbers called by simply
4 deduplicating the list of calls to cell phone numbers using a basic “unique” command in Alteryx,
5 which removed any duplicate records based on each row’s telephone number dialed. This
6 deduplication step resulted in a list of 22,118 unique cell phone numbers.

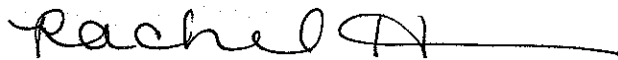
7 12. I also determined the unique number of landline phone numbers called by again
8 simply deduplicating the list of calls to landline phone numbers using the “unique” command,
9 which resulted in a list of 22,102 unique landline phone numbers.

10 13. I reviewed the list of unique cell phone numbers called by Nationwide and
11 determined that Plaintiff Abante Rooter and Plumbing, Inc.’s cell phone number, (510) 540-
12 7210, is included in the list.

13 14. I reviewed the list of unique cell phone numbers called by Nationwide and
14 determined that Plaintiff Mark Hankins’ cell phone number, (813) 503-9101, is included in the
15 list.

16 I declare under penalty of perjury under the laws of the United States of America that the
17 foregoing is true and correct.

18 EXECUTED in Seattle, Washington, this 6th day of March, 2017.

19
20 

21 _____
22 Rachel E. Hoover
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I. LOCAL RULE 5-1(I)(3) STATEMENT

Pursuant to Local Rule 5-1(i)(3), I hereby attest that concurrence in the filing of this document has been obtained from the declarant, and that I will maintain records to support this concurrence by the declarant as required under the local rules.

DATED this 7th day of March, 2017.

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CERTIFICATE OF SERVICE

I, Beth E. Terrell, hereby certify that on March 7, 2017, I electronically filed the foregoing with the Clerk of the Court using the CM/ECF system which will send notification of such filing to the following:

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1 DATED this 7th day of March, 2017.

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